

54983. DIOSCOREA ALATA L. Dioscoreaceæ. Greater yam.

From Trinidad, British West Indies. Tubers presented by Claude Connell, through J. B. Rorer, Board of Agriculture, Port of Spain. Received April 20, 1918, and grown at the Plant Introduction Garden, Brooksville, Fla. Numbered April, 1922.

"This is an unidentified variety of yam from a mixed collection of varieties recorded under S. P. I. No. 45990. The individual tubers of this yam are club-shaped to cylindrical, and thus far in Florida have not much exceeded 4 pounds in weight. They remain perfectly white when cooked and are mealy and of very delicate flavor." (R. A. Young.)

54984 to 54987.

From Honolulu, Hawaii. Presented by Dr. H. L. Lyon, in charge, Department of Botany and Forestry, Experiment Station of the Hawaiian Sugar-Planters' Association. Received April 7, 1922. Quoted notes by Doctor Lyon unless otherwise stated.

54984. CASSIA NODOSA Buch.-Ham. Cæsalpiniaceæ.

"Seeds collected in Honolulu."

Pink-and-white shower. This magnificent flowering tree is one of the most commonly cultivated ornamental plants in Honolulu, where it is much used for street planting. It is a moderate-sized deciduous tree, with long drooping branches and glossy leaves; during May and June it bears a profusion of beautiful, bright-pink, rose-scented flowers in dense clusters on long stalks. It is native from the eastern Himalayas to the Malay Islands and the Philippines. (Adapted from *Rock, Ornamental Trees of Hawaii*, p. 106.)

For previous introduction, see S. P. I. No. 52797.

54985. KLEINHovia hospita L. Sterculiaceæ.

"Seeds collected in Honolulu."

A handsome tree 25 to 45 feet or more in height, native to southern India and the East Indies, with heart-shaped leaves about 4 inches long and wide. The flowering panicles are large and full and bear small rose-colored flowers; the inflated papery pods are about an inch long. The tree thrives well in low moist places and is quite suitable for planting along avenues, for which purpose it is used considerably in Calcutta. (Adapted from *Rock, Ornamental Trees of Hawaii*, p. 155.)

54986. PINANGA INSIGNIS Beccari. Phœnicaceæ. Palm.

"Seeds collected in the Philippines by F. X. Williams."

A rather small palm with a slender, smooth trunk about 6 inches in diameter, very graceful feathery leaves, and oval fruits 2 inches in length. The seeds are occasionally used as a substitute for betel nuts in preparing "bûyo," the mixture of leaves of *Piper betle*, lime, and betel nuts, which, when chewed, colors the saliva a characteristic red and is held to be a tonic and general stimulant. (Adapted from *Brown and Merrill, Philippine Palms and Palm Products*, pp. 20, 112, and 117.)

For previous introduction, see S. P. I. No. 37607.

54987. UVARIA sp. Annonaceæ.

"Seeds collected in the Philippines by F. X. Williams."

54988 to 54990.

From Matania el Saff, Egypt. Seeds presented by A. Bircher, director, Middle Egypt Botanic Station. Received April 7, 1922. Quoted notes by Mr. Bircher.

**54988. BARYXYLUM AFRICANUM (Sond.) Pierre. Cæsalpiniaceæ.
(*Peltophorum africanum* Sond.)**

"A handsome evergreen tree with feathery leaves and yellow flowers."

For previous introduction, see S. P. I. No. 50125.